

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 530 | ((grinding adj wheel) same (grit or mesh) same ("ISO" or standards)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/05/01 09:27 |
| L2 | 1 | ((first adj grinding adj wheel) same (grit or mesh) same ("ISO" or standards)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/05/01 09:27 |
| L4 | 204 | ((first adj grinding adj wheel) same (second adj grinding adj wheel)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/05/01 09:35 |
| L5 | 45 | ((first adj grinding adj wheel) same (second adj grinding adj wheel)) (grain or mesh)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/05/01 09:35 |
| L6 | 23 | ("1935679" "1937043" "1966408" "2138829" "2138882" "2292758" "2408946" "3332173" "3900636" "3988955" "5032243" "5347887" "5711774" "5724868" "5876470").PN. OR ("6726542").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/05/01 09:44 |
| L7 | 16 | ((fine adj grinding adj wheel) (rough adj grinding adj wheel)) | US-PGPUB; USPAT; USOCR | AND | ON | 2007/05/01 09:45 |
| L8 | 8 | ((fine adj grinding adj wheel) (rough adj grinding adj wheel)) (mesh or grain)) | US-PGPUB; USPAT; USOCR | AND | ON | 2007/05/01 09:45 |
| S1 | 1 | ("Re30598").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 09:11 |
| S2 | 1281 | (451/65).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 09:11 |
| S3 | 85 | S2 (sharpen or sharpening or sharpened) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 09:20 |
| S4 | 1 | ("5315907").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 09:20 |

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| S5 | 35 | ("0572374" "1095599" "1242478" "1729436" "2093322" "2838947" "3213731" "3332301" "3380331" "4041813" "4928713").PN. OR ("5315907").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/04/30 09:22 |
| S6 | 46 | ("1630132" "1746594" "1784443" "1846942" "2093323" "2140720" "2704560" "2752999" "2769600" "2833024" "3213731" "3213734" "3218898" "3292470" "3380331" "3905260" "4041813" "4052048" "4173846" "4347771" "4584917" "4914997" "5152203" "5289747" "5315907" "5557997" "Re30598").PN. OR ("6123002").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/04/30 09:24 |
| S7 | 0 | ("5,152,203and4,347,771").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 09:59 |
| S8 | 2 | ((("5,152,203") or ("4,347,771")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 10:01 |
| S9 | 0 | "451"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk)) ((first adj (wheel or grind or stone)) (secondadj (wheel or grind or stone)))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:02 |
| S10 | 3 | "451"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk)) ((first adj (wheel or grind or stone)) (second adj (wheel or grind or stone)))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:03 |
| S11 | 0 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk)) ((first adj (wheel or grind or stone)) (second adj (wheel or grind or stone)))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:03 |
| S12 | 0 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk)) ((first adj (wheel or grind\$4 or stone)) (second adj (wheel or grind\$4 or stone)))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:04 |
| S13 | 318 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:04 |

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| S14 | 175 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk))(wheel or stone)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:04 |
| S15 | 24 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk))(wheel or stone)same (grit or abrasive or coarse))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:05 |
| S16 | 28 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk))(wheel or stone)same (grit or abrasive or coarse or fine))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:05 |
| S17 | 28 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk))(wheel or stone)same (grit or abrasive or coarse or fine or finer))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:09 |
| S18 | 13 | "83"/\$.ccls. (((sharpening or sharpen or sharpened) with (disc or disk))(wheel or stone)same (grit or coarse or fine or finer))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:11 |
| S19 | 33 | "83"/\$.ccls. ((wheel or stone or (sharpen\$4 adj means)) same (different or varying or finer) with (grit or coarse or abrasive)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:15 |
| S20 | 681 | "83"/\$.ccls. ((pair or couple or two) adj (stones or wheel)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:16 |
| S21 | 0 | "83"/\$.ccls. ((pair or couple or two) adj (stones or wheel) (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:16 |
| S22 | 4 | "451"/\$.ccls. ((pair or couple or two) adj (stones or wheel) (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:18 |
| S23 | 0 | "451"/\$.ccls. ((sharpen\$4) ((pair or couple or two or (first second)) adj (stones or wheel)) (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:19 |
| S24 | 0 | "83"/\$.ccls. ((sharpen\$4) ((pair or couple or two or (first second)) adj (stones or wheel)) (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:20 |
| S25 | 11 | "83"/\$.ccls. ((sharpen\$4) ((wheel or stone) with (fine or finer or different or varying) with (grit or coarse or coarseness or abrasive or composition))) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:23 |

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| S26 | 395 | "83"/\$.ccls. ((sharpen\$4) with (wheel or stone)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:23 |
| S27 | 15 | "83"/\$.ccls. (((sharpen\$4) with (wheel or stone)) grit) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:25 |
| S28 | 26 | "83"/\$.ccls. (((sharpen\$4) same (wheel or stone)) grit) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:25 |
| S29 | 11 | S28 not S27 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:25 |
| S30 | 297 | "451"/\$.ccls. (((sharpen\$4) same (wheel or stone)) grit) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:26 |
| S31 | 15 | "451"/\$.ccls. (((sharpen\$4) same (wheel or stone)) different adj grit) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:32 |
| S32 | 14 | "451"/\$.ccls. ((grinding adj wheel) same (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:35 |
| S33 | 1 | "451"/\$.ccls. (((first adj wheel) (second adj wheel)) same (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:36 |
| S34 | 0 | "83"/\$.ccls. (((first adj wheel) (second adj wheel)) same (different adj grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:36 |
| S35 | 49 | "451"/\$.ccls. (((double or dual or (first second) or pair or multiple) adj (grind\$4 adj wheel)) (grit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 11:37 |
| S36 | 19 | "451"/\$.ccls. ((sharpen\$4) wheel ((rough\$4 fine) adj grind\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 10:45 |
| S37 | 0 | "451"/\$.ccls. (((double or dual or (first second) or pair or multiple) adj (grind\$4 adj wheel)) (grain same ISO)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 11:37 |

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| S38 | 46 | "451"/\$.ccls. (((double or dual or (first second) or pair or multiple) adj (grind\$4 adj wheel)) (grain)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 11:40 |
| S39 | 8 | "451"/\$.ccls. (grain with ISO) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 11:56 |
| S40 | 1 | sharpen\$4 (first adj (gringing or grind or polish or abrade) adj (wheel or stone)) (second adj (gringing or grind or polish or abrade) adj (wheel or stone)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:12 |
| S41 | 680 | (blade same (chrome or steel) same molybdenum) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:12 |
| S42 | 180 | (blade with (chrome or steel) with molybdenum) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:14 |
| S43 | 13 | "83"/\$.ccls.(blade with (chrome or steel) with molybdenum) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:20 |
| S44 | 4 | "451"/\$.ccls.(blade with (chrome or steel) with molybdenum) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:14 |
| S45 | 5193 | 451/41 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:39 |
| S46 | 237 | 451/45 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:39 |
| S49 | 756 | (451/57).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 12:39 |
| S50 | 479 | (451/63).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 12:40 |
| S51 | 435 | (451/64).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 12:40 |

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| S52 | 146 | (451/70).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 12:48 |
| S53 | 885 | (83/14,37,38,329).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 12:48 |
| S54 | 116 | S49 (sharp\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:51 |
| S55 | 60 | S54 (wheel or stone) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:51 |
| S56 | 64 | S50 (sharp\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:53 |
| S57 | 13 | S56(wheel or stone) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:53 |
| S58 | 37 | S51 (sharp\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:53 |
| S59 | 14 | S52 (sharp\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:53 |
| S60 | 118 | S53 (sharp\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:53 |
| S61 | 31 | S58(wheel or stone) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:54 |
| S62 | 9 | S59(wheel or stone) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:58 |
| S63 | 45 | S60(wheel or stone) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 12:56 |
| S64 | 0 | ("1968662").URPN. | USPAT | AND | ON | 2007/04/30 12:55 |

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| S65 | 21 | ("1977418" "2026096" "2052365" "2052367" "2598740" "2665531" "2728176" "4386483" "4732056" "4811521" "5101704" "5152105" "5591072").PN. OR ("6709319"). URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/04/30 13:12 |
| S66 | 0 | (451/419420422262293).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 13:12 |
| S67 | 1546 | (451/419,420,422,262,293).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/30 13:12 |
| S68 | 488 | S67 (wheel or stone) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2007/04/30 13:13 |